Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME 44.

1. IRWIN, F. — The Invariants of Linear Differential Expressions. pp. 1–60. November, 1908. $1.50.
2. PEIRCE, B. O. — The Damping of the Oscillations of Swinging Bodies by the Resistance of the Air. pp. 61–88. 4 pls. November, 1908. 40c.
3. RICHARDS, T. W. — Note Concerning the Silver Coulometer. pp. 89–94. November, 1908. 10c.
4. KENNELLY, A. E. — Artificial Lines for Continuous Currents in the Steady State. pp. 95–130. November, 1908. 40c.
5. MORGULIS, S. — The Effect of Alkaloids on the Early Development of Toxopneustes Variegatus. pp. 131–146. November, 1908. 25c.
6. MORGAN, M. H. — The Preface of Vitruvius. pp. 147–175. January, 1909. 35c.
7. BAXTER, G. P., and COFFIN, F. B. — A Revision of the Atomic Weight of Arsenic. Preliminary Paper. — The Analysis of Silver Arsenate. pp. 177–197. January, 1909. 30c.
8. BRIDGMAN, P. W. — The Measurement of High Hydrostatic Pressure. (I.) A Simple Primary Gauge. pp. 199–217. February, 1909. 30c.
9. BRIDGMAN, P. W. — The Measurement of High Hydrostatic Pressure. (II.) A Secondary Mercury Resistance Gauge. pp. 219–251. February, 1909. 50c.
10. BRIDGMAN, P. W. — An Experimental Determination of Certain Compressibilities. pp. 253–279. February, 1909. 40c.
11. PEIRCE, B. O. — The Theory of Ballistic Galvanometers of Long Period. pp. 281–314. 1 pl. March, 1909. 55c.
12. PIERCE, G. W. — Crystal Rectifiers for Electric Currents and Electric Oscillations. (II.) Carborundum, Molybdenite, Anatase, Brookite. pp. 315–349. 1 pl. March, 1909. 65c.
13. PEIRCE, B. O. — On the Magnetic Behavior of Hardened Cast Iron and of Certain Tool Steels at High Excitations. pp. 351–364. March, 1909. 30c.
14. MORSE, H. W., and SHUDDEMAGEN, C. L. B. — The Properties of an Aluminium Anode. pp. 365–397. March, 1909. 50c.
15. BAXTER, G. P., MUELLER, E., and HINES, M. A. — A Revision of the Atomic Weight of Chromium. (I.) The Analysis of Silver Chromate. pp. 399–417. March, 1909. 30c.
16. BAXTER, G. P., and JESSE, R. H., Jr. — A Revision of the Atomic Weight of Chromium. (II.) The Analysis of Silver Dichromate. pp. 419–432. March, 1909. 25c.
17. PALACHE, C., and LA FORGE, L. — Notes on the Crystallography of Leadhillite. (I.) Leadhillite from Utah; (II.) Leadhillite from Nevada. pp. 433–463. 3 pls. April, 1909. 65c.
18. SHUDDEMAGEN, C. L. B. — Residual Charges in Dielectrics. pp. 465–521. May, 1909. 95c.
19. DERR, L. — A Photographic Study of Mayer's Floating Magnets. pp. 523–528. 1 pl. May, 1909. 20c.
20. LEACH, H. G. — The Relations of the Norwegian with the English Church, 1066–1399, and their Importance to Comparative Literature. pp. 529–560. May, 1909. 40c.
21. EASTWOOD, A. — (I.) Synopsis of the Mexican and Central American Species of *Castilleja;* (II.) ROBINSON, B. L. — A Revision of the Genus *Rumfordia;* (III.) BARTLETT, H. H. — A Synopsis of the American Species of *Litsea;* (IV.) EASTWOOD, A. — Some Undescribed Species of Mexican Phanerogams; (V.) BARTLETT, H. H. — Notes on Mexican and Central American Alders; (VI.) ROBINSON, B. L. — Diagnoses and Transfers of Tropical American Phanerogams; (VII.) BARTLETT, H. H. — The Purple-flowered *Androcerae* of Mexico and the Southern United States; (VIII.) BARTLETT, H. H. — Descriptions of Mexican Phanerogams. pp. 561–637. May, 1909. 85c.
22. PALACHE, C., and WOOD, H. O. — Crystallographic Notes on Minerals from Chester, Mass. pp. 639–652. 1 pl. May, 1909. 30c.
23. MORGULIS, S. — Regeneration in the Brittle-Star Ophiocoma Pumila, with Reference to the Influence of the Nervous System. pp. 653–659. 1 pl. May, 1909. 20c.
24. LANMAN, C. R. — Pāli Book-Titles and their Brief Designations. pp. 661–707. June, 1909. 55c.
25. LEWIS, G. N., and TOLMAN, R. C. — The Principle of Relativity, and Non-Newtonian Mechanics. pp. 709–724. July, 1909. 25c.
26. Records of Meetings; Biographical Notices; Officers and Committees; List of Fellows and Foreign Honorary Members; Statutes and Standing Votes, etc. September, 1909. 85c.

(Continued on page 2 of Cover.)

PUBLICATIONS

OF THE

AMERICAN ACADEMY OF ARTS AND SCIENCES.

MEMOIRS. OLD SERIES, Vols. 1–4; NEW SERIES, Vols. 1–13. 16 volumes, $10 each. Half volumes, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

Vol. 11. PART 1. Centennial Celebration. 1880. pp. 1–104. 1882. $2.00.
PART 2. No. 1. Agassiz, A. — The Tortugas and Florida Reefs. pp. 105–134. 12 pls. June, 1885. (Author's copies, June, 1883.) $3.00.
PART 3. Nos. 2–3. Searle, A. — The Apparent Position of the Zodiacal Light pp. 135–157 *and* Chandler, S. C. — On the Square Bar Micrometer. pp. 158–178 October, 1885. $1.00.
PART 4. No. 4. Pickering, E. C. — Stellar Photography. pp. 179–226. 2 pls. March, 1886. $1.00.
PART 4. No. 5. Rogers, W. A., and Winlock, Anna. — A Catalogue of 130 Polar Stars for the Epoch of 1875.0, resulting from the available Observations made between 1860 and 1885, and reduced to the System of the Catalogue of Publication XIV of the Astronomische Gesellschaft. pp. 227–300. June, 1886. 75c.
PART 5. No. 6. Langley, S. P., Young, C. A., and Pickering, E. C. — Pritchard's Wedge Photometer. pp. 301–324. November, 1886. 25c.
PART 6. No. 7. Wyman, M. — Memoir of Daniel Treadwell. pp. 325–523. October, 1887. $2.00.

Vol. 12. 1. Sawyer, E. F. — Catalogue of the Magnitudes of Southern Stars from 0° to —30° Declination, to the Magnitude 7.0 inclusive. pp. 1–100. May, 1892. $1.50.
2. Rowland, H. A. — On a Table of Standard Wave Lengths of the Spectral Lines. pp. 101–186. December, 1896. $2.00.
3. Thaxter, R. — Contribution towards a Monograph of the Laboulbeniaceæ. pp. 187–430. 26 pls. December, 1896. $6.00.
4. Lowell, P. — New Observations of the Planet Mercury. pp. 431–466. 8 pls. June, 1898. $1.25.
5. Sedgwick, W. T., and Winslow, C. E. A.—(I.) Experiments on the Effect of Freezing and other low Temperatures upon the Viability of the Bacillus of Typhoid Fever, with Considerations regarding Ice as a Vehicle of Infectious Disease. (II.) Statistical Studies on the Seasonal Prevalence of Typhoid Fever in various Countries and its Relation to Seasonal Temperature. pp. 467–579. 8 pls. August, 1902. $2.50.

Vol. 13. 1. Curtiss, D. R. — Binary Families in a Triply connected Region, with Especial Reference to Hypergeometric Families. pp. 1–60. January, 1904. $1.00.
2. Tonks, O. S. — Brygos: his Characteristics. pp. 61–119. 2 pls. November, 1904. $1.50.
3. Lyman, T. — The Spectrum of Hydrogen in the Region of Extremely Short Wave-Length. pp. 121–148. pls. iii–viii. February, 1906. 75c.
4. Pickering, W. H. — Lunar and Hawaiian Physical Features Compared. pp. 149–179. pls. ix–xxiv. November, 1906. $1.10.
5. Trowbridge, J. — High Electro-motive Force. pp. 181–215. pls. xxv–xxvii. May, 1907. 75c.
6. Thaxter, R. — Contribution toward a Monograph of the Laboulbeniaceæ. Part II. pp. 217–469. pls. xxviii–lxxi. June, 1908. $7.00.

PROCEEDINGS. Vols. 1–43, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

The individual articles may be obtained separately. A price list of recent articles is printed on the inside pages of the cover of the Proceedings.

Complete Works of Count Rumford. 4 vols., $5.00 each.

Memoir of Sir Benjamin Thompson, Count Rumford, with Notices of his Daughter. By George E. Ellis. $5.00.

Complete sets of the Life and Works of Rumford. 5 vols., $25.00; to members, $5.00.

For sale at the Library of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, 28 Newbury Street, Boston, Massachusetts.